

SEQUENCE LISTING

(1) GENERAL INFORMATION

- (i) APPLICANT: Hillman, Jennifer L.  
Goli, Surya K.
- (ii) TITLE OF THE INVENTION: NOVEL MICROTUBULE-ASSOCIATED PROTEIN
- (iii) NUMBER OF SEQUENCES: 3
- (iv) CORRESPONDENCE ADDRESS:  
(A) ADDRESSEE: Incyte Pharmaceuticals, Inc.  
(B) STREET: 3174 Porter Drive  
(C) CITY: Palo Alto  
(D) STATE: CA  
(E) COUNTRY: USA  
(F) ZIP: 94304
- (v) COMPUTER READABLE FORM:  
(A) MEDIUM TYPE: Diskette  
(B) COMPUTER: IBM Compatible  
(C) OPERATING SYSTEM: DOS  
(D) SOFTWARE: FastSEQ for Windows Version 2.0
- (vi) CURRENT APPLICATION DATA:  
(A) APPLICATION NUMBER: To Be Assigned  
(B) FILING DATE: Herewith  
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:  
(A) APPLICATION NUMBER:  
(B) FILING DATE:
- (viii) ATTORNEY/AGENT INFORMATION:  
(A) NAME: Billings, Lucy J.  
(B) REGISTRATION NUMBER: 36,749  
(C) REFERENCE/DOCKET NUMBER: PF-0211 US
- (ix) TELECOMMUNICATION INFORMATION:  
(A) TELEPHONE: 415-855-0555  
(B) TELEFAX: 415-845-4166  
(C) TELEX:

(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 121 amino acids  
(B) TYPE: amino acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear
- (vii) IMMEDIATE SOURCE:  
(A) LIBRARY: THYRNOT03  
(B) CLONE: 144378
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

PF-0211-2 DIV

Met Pro Ser Asp Arg Pro Phe Lys Gln Arg Arg Ser Phe Ala Asp Arg  
1 5 10 15  
Cys Lys Glu Val Gln Gln Ile Arg Asp Gln His Pro Ser Lys Ile Pro  
20 25 30  
Val Ile Ile Glu Arg Tyr Lys Gly Glu Lys Gln Leu Pro Val Leu Asp  
35 40 45  
Lys Thr Lys Phe Leu Val Pro Asp His Val Asn Met Ser Glu Leu Val  
50 55 60  
Lys Ile Ile Arg Arg Arg Leu Gln Leu Asn Pro Thr Gln Ala Phe Phe  
65 70 75 80  
Leu Leu Val Asn Gln His Ser Met Val Ser Val Ser Thr Pro Ile Ala  
85 90 95  
Asp Ile Tyr Glu Gln Glu Lys Asp Glu Asp Gly Phe Leu Tyr Met Val  
100 105 110  
Tyr Ala Ser Gln Glu Thr Phe Gly Phe  
115 120

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 640 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(vii) IMMEDIATE SOURCE:

- (A) LIBRARY: THYRNOT03
- (B) CLONE: 1441378

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

CTCCCGCAGC CGCAGCCGCC GTGCTCAGCG CGAGCCCCGG AGCCCTTGAG CGCGAGGCGC 60  
GGAGCCCCGG AGCCCCCAA CCGCAGACAC ATCCCCGCGC CCCAGAGCCC CGGCCTGCGC 120  
GCCAGCCGG GCCCGCGCGA TGCCCTCAGA CCGGCCTTTC AAGCAGCGGC GGAGCTTCGC 180  
CGACCGCTGT AAGGAGGTAC AGCAGATCCG CGACCAGCAC CCCAGCAAAA TCCCGGTGAT 240  
CATCGAGCGC TACAAGGGTG AGAAGCAGCT GCCCGTCCTG GACAAGACCA AGTTTTTGGT 300  
CCCGGACCAT GTCAACATGA GCGAGTTGGT CAAGATCATC CGGCGCCGCC TGCAGCTGAA 360  
CCCCACGCAG GCCTTCTTCC TGCTGGTGAA CCAGCACAGC ATGGTGAGTG TGTCCACGCC 420  
CATCGCGGAC ATCTACGAGC AGGAGAAAGA CGAGGACGGC TTCCTCTATA TGGTCTACGC 480  
CTCCCAGGAA ACCTTCGGCT TCTGAGCCAG CAGTAGGGGG GCTCGGCCTG GGAGTCGGGG 540  
GGCCCCGGTC AGGCCCTGCC CAGAGAGCTT CTGGTTCCTG AACTGAGCTG CCTCTACCGT 600  
GGTGGGCTGG GCAGGCATGT GCCCCCCTAG TCAGAGGGCA 640

(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 142 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(vii) IMMEDIATE SOURCE:

- (A) LIBRARY: GenBank
- (B) CLONE: 455109

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

Met Pro Ser Glu Lys Thr Phe Lys Gln Arg Arg Ser Phe Glu Gln Arg  
1 5 10 15  
Val Glu Asp Val Arg Leu Ile Arg Glu Gln His Pro Thr Lys Ile Pro  
20 25 30

[illegible]